

ABSTRACT OF THE DISCLOSURE

A controller for an optical disk drive includes a modulator configured to modulate a record data to be recorded on a optical disk based on a record clock that is a reference clock in recording, and to generate a modulation data and an address information of the modulation data. A prepit decoder is configured to generate a prepit clock from a prepit
5 signal detected from the optical disk, and a decision circuit is configured to determine whether or not recording in accordance with a standard is performed, from phase characteristic based on the address information and the prepit clock, and to control a frequency of the record clock.